End of Result Set

☐ [Generate Collection] [Print]

L2: Entry 4 of 4   File: PGPB   Dec 6, 2001

DOCUMENT-IDENTIFIER: US 20010048448 A1
TITLE: Focus state themeing

Detail Description Paragraph:
[0036] As an application 135 is running it often requires a control or graphical
component to be rendered, or displayed, on the monitor 191 of the computer 110. For
example, with reference to FIG. 3, the display of an OK button 200 may be needed by
the application on the monitor. Application 135 requests that an instance of button
200 be created. Following this, the operating system transmits a generic message to
the control instructing it to draw itself. This request would be routed to the
dynamic link library (DLL) that contained the particular control. As an example,
the DLL in the WINDOWS operating environment would be called User32.dll or
ComCtl32.dll(V5), shown as 208 and 210, respectively, in FIG. 2. Libraries 208 and
210 exist within graphical operating system 134. Libraries 208 and 210 are linked
through fusion module 214 with applications 135. The defined control within
libraries 208 and 210 contains the drawing code needed to render the control on the
monitor. Therefore, to change the appearance of controls in libraries 208, and 210,
the software drawing code must be changed for each control within libraries 208 and
210.

Detail Description Paragraph:
[0086] In operation, as is best seen in FIG. 6, an application 135 will request a
graphic, such as a control, to be rendered on the user interface, as represented at
256. This graphical request is routed through fusion 214. As represented by 258,
the fusion process will determine if the requested control is a theme-aware
control. If the control requested is not theme-aware, the old code is used and the
control will draw itself using a control from DLL 208 or 210, as represented by 260
in FIG. 6. If the control is theme aware, the graphical request is processed in DLL
212, as is represented by 262. The controls within DLL 212 will pass basic
information for the graphical request, such as the part, state and location for the
requested control to the theme manager 216 in a request for rendering services,
using APIs 218, 220 and 222. Thus, the graphical request is processed in DLL 212
without application of the appearance characteristics that are found by theme
manager 216. Theme manager 216 will then determine or apply the theme-specific
appearance characteristics for the given control part and state, as shown by 264.
This appearance data is retrieved from the shared memory map data file 252. Using
the retrieved appearance data, for the requested control part and state, along with
the location, the theme manager will render the control on the display of the
computer, as represented by 266.

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Thursday, March 11, 2004

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L6	L4 and (((determin$ or calculat$) near12 request$) same graphic$)	6
☐	L5	L4 and theme near5 awar$	0
☐	L4	L3 and (render$ near9 request$)	153
☐	L3	((rout$ near9 request$) same server)	5542
☐	L2	((rout$ near9 request$) same fusion)	4
☐	L1	6104391.pn. and fusion	0

END OF SEARCH HISTORY